



Belgian Society of Cardiology

34th Annual Congress

29th & 30th January 2015

SQUARE

Brussels meeting Center
Rue Mont des Arts
Kunstbergstraat
1000 Brussels



Programme

Belgian
Society of Cardiology


MEMBER OF THE ESC



**EUROPEAN
SOCIETY OF
CARDIOLOGY®**

Message from the President



Dear colleagues and friends,

It is my great pleasure to welcome you to the 34rd Annual Congress of the Belgian Society of Cardiology.

The annual meeting of the BSC once again offers the Belgian cardiology community the opportunity to gather together in central Brussels for two days of intensive education and networking. Experts in various fields will contribute to a rich and varied programme. The scientific board of the BSC has decided to maintain the traditional most attended sessions and to complete the program with new initiatives.

The following short overview should convince you of the exciting scientific content of the BSC congress 2015:

- “Thematic Sessions” on important areas of interest, such as arrhythmic disease (long QT, catecholaminergic polymorphic VT, ARVD, genetical insights), non atherosclerotic coronary syndromes, thoracic aortic aneurysm, valvular prosthesis and mitral valve disease
- “Teaching Sessions”: GUCH for dummies, Thrombo embolic disease and What should we remember from 2013-2014?
- “Socio-economical sessions”: Drug induced heart disease, Needs of the cardiologists in the future and political attitude from the new politicians
- “ESC-BSC joint session” on Hypertrophic Cardiomyopathy
- “Industry-supported satellite symposia” with high-level international speakers on topics as Imaging, Heart failure, Pulmonary hypertension, LDL lowering
- “Oral abstract sessions and the Young Investigators Award” giving the opportunity to researchers to present their scientific work

We have decided to change the party-part of the BSC congress. The classic dinner is replaced by a nice cocktail event, this in an attempt to attract most of the congress participants to this part of the congress at the end of the Thursday congress day: it is the most appropriate moment of this BSC congress to meet the colleagues, to speak with peers, to have a nice drink with older and newer cardiologists, to have contacts with the industry and to support young investigators, Meda Pharma and Jacqueline Bernheim prize participants.

The contacts with the new government should give us the opportunity to convince politicians that the care for patients with cardiologic diseases, needs all their attention and support. Every cardiologist can support this demand by being present at the BSC meeting. We hope that this congress will be a source of new scientific and educational energy for all participants, to continue investing our energy in the care for our patients with cardiovascular problems, still the killer one in the western world.

The overall purpose is to make the BSC Congress of 2015 a very practical, clinical, comprehensive and useful scientific meeting, covering all the important items in cardiology and we hope you will find it stimulating.

With enthusiastic and kind regards,
Prof Dr Guy VAN CAMP, MD, PhD
President of the Belgian Society of Cardiology

NOTES

Programme summary

Thursday 29th January 2015

	Ensor Hall	Magritte Hall
08:00-09:00 [60 mins]	REGISTRATION Welcome coffee - Exhibition Hall	
09:00-10:30 [90 mins]	S1: Thematic session How to manage patients with arrhythmic disease	S2: Thematic session Drug induced heart disease
10:30-11:00 [30 mins]	Coffee break - Exhibition Hall	
11:00-11:45 [45 mins]	S3: Keynote session - socio economic What are the needs of the cardiologists for today and tomorrow?	S3: Keynote session - socio economic (Ensor Hall)
11:45-13:15 [90 mins]	S4: Satellite symposium - organised by Sanofi PCSK9: A step forward in LDL-cholesterol management	S5: Teaching session GUCH for Dummies: What the cardiologist should know
13:15-14:00 [45 mins]	Lunch - Exhibition Hall	
14:00-15:30 [90 mins]	S6: Teaching session What should we remember from 2013-2014	S7: Satellite symposium - organised by Philips More than pretty pictures: Clinical indications and how to use advanced imaging
15:30-16:00 [30 mins]	Coffee break & best poster competition - Exhibition Hall	
16:00-18:00 [120 mins]	S8: Teaching session Tromboembolic disease	S9: Young Investigator Award S10: Abstract session I: Invasive & Arrhythmias
18:00-19.30 [90 mins]	Cocktail Event and Award Ceremony Exhibition Hall	

Friday 30th January 2015

	Ensor Hall	Magritte Hall
08:00-09:00 [60 mins]	REGISTRATION Welcome coffee - Exhibition Hall	
09:00-10:30 [90 mins]	S11: Thematic session Non atherosclerotic coronary syndromes	S12: Thematic session Thoracic Aortic Aneurysm
10:30-11:00 [30 mins]	Coffee break - Exhibition Hall BSC & Acta Cardiologica General Assembly	
11:00-11:45 [45 mins]	S13: ESC-BSC joint session New guidelines on hypertrophic cardiomyopathy	S14: Laureate lectures Meda Pharma Prize & Jacqueline Bernheim Prize
11:45-13:15 [90 mins]	S15: Satellite symposium - organised by Servier Can we save time & money on heart failure hospitalizations?	S16: Satellite symposium - organised by Actelion New Perspectives in Pulmonary Hypertension Management
13:15-14:00 [45 mins]	Lunch - Exhibition Hall	
14:00-15:30 [90 mins]	S17: Thematic session Valvular prosthesis	S18: Satellite symposium - organised by Amgen PCSK9 inhibition: future of dyslipidemia management?
15:30-16:00 [30 mins]	Coffee break - Exhibition Hall	
16:00-18:00 [120 mins]	S19: Thematic session Mitral Valve Disease	S20: Abstract session II: Non-Invasive, Basic Science, Heart Failure
	Close	

Accreditation pending for categories 3 (National Symposium) and 6 (ethics and economy).

Belgian Society of Cardiology



34th Annual Congress
29th & 30th January 2015

Scientific committee

Guy van Camp
Vicor Legrand
Agnès Pasquet
Marnix Goethals
Julie De Backer
Hubert Dereppe
Walter Desmet
Wilfried Mullens
Georges Mairesse
Laurence Hody
Bernard Paelinck
Stéphanie Seldrum
Peter Sinnaeve
Philippe Van de Borne

Programme
Thursday 29th January 2015

Thursday 29th January 2015 - morning
ENSOR HALL

08:00-09:00 *Registration and welcome coffee (Exhibition Hall)*

09:00-10:30 **How to manage patients with arrhythmic disease**
S01 **Thematic session**

*Moderators: Georges Mairesse (CSL Arlon)
Yves Vandekerckhove (AZ Brugge)*

In Long QT syndrome

Pieter Koopman (UZ Hasselt)

In Catecholergic Polymorphic Ventricular Tachycardia

Frederic Van Heuverswyn (UZ Gent)

In Arrhythmogenic Right Ventricular Dysplasia

Ivan Blankoff (CHU Charleroi)

Genetical insights for risk stratification

Paul Volders (Maastricht UMC, The Netherlands)

10:30-11:00 *Coffee break (Exhibition Hall)*

11:00-11:45 **What are the needs of the cardiologists for today and tomorrow?**
S03 **Keynote session (socio-economical)**

*Moderators: Guy Van Camp (OLV Aalst)
Agnès Paquet ((UCL Brussels)*

What are the needs of the cardiologists for today and tomorrow?

Guy Van Camp (OLV Aalst)

**How will the RIZIV/politicians react on the actual needs
of the cardiologist?**

Jo De Cock (CEO-RIZIV/INAMI)

Thursday 29th January 2015 - morning
MAGRITTE HALL

08:00-09:00 *Registration and welcome coffee (Exhibition Hall)*

09:00-10:30 **Drug induced heart disease**

S02 **Socio-economic session**

Moderators: Steven Droogmans (UZ Brussel)

Luc Pierard (CHU Sart Tilman Liège)

Cardiotoxicity in cancer treatment: an overview

Dirk Kerkhove (UZ Brussel)

How to detect early cardiac toxicity?

Patrizio Lancelotti (CHU Sart Tilman Liège)

Do we have to change our anti-cancer strategy in case of cardiac toxicity?

- **Point of view of the oncologist**

Guy Jerusalem (CHU Sart Tilman Liège)

- **Point of view of the cardiologist**

Bernard Cosyns (CHIREC Braine-l'Alleud)

**Drug induced valvular heart disease:
a never ending story**

Guy Van Camp (OLV Aalst)

10:30-11:00 *Coffee break (Exhibition Hall)*

[11:00-11:45] [Keynote Session in Ensor Hall]

Thursday 29th January 2015 - morning
ENSOR HALL

11:45-13:15
S04

PCSK9: A step forward in LDL-cholesterol management
Satellite symposium organised by Sanofi

Moderators: Peter Sinnaeve (UZ Leuven)
Stéphanie Seldrum (UCL Mont-Godinne)

LDL-C: Is it how you lower it or how low you lower it that matters?

Christophe Beauloye (UCL Brussels)

PCSK-9: What is it and how does it work?

Bart Van Der Schueren (UZ Leuven)

How will PCSK9 change your clinical practice?

Philippe Gabriel Steg (Hôpital Bichat Paris, France)

**Pre-clinical evidence that LDL-C reduction by a PCSK9 inhibitor
may reduce atherosclerosis**

J. Wouter Jukema (UMC Leiden, The Netherlands)

13:15-14:00

Lunch (Exhibition Hall)

Thursday 29th January 2015 - morning
MAGRITTE HALL

11:45-13:15
S05

GUCH for Dummies: What the cardiologist should know
Teaching session organised by the BWGACHD

Moderators: Werner Budts (UZ Leuven)
Agnès Pasquet (UCL Brussels)

Shunt Lesions

Els Troost (UZ Leuven)

Tetralogy of Fallot

Agnès Pasquet (UCL Brussels)

BAV/Coarctation

Antoine Bondue (ULB Brussels)

Transposition of the Great Arteries

Laurent Demulier (UZ Gent)

13:15-14:00

Lunch (Exhibition Hall)

Thursday 29th January 2015 - afternoon
ENSOR HALL

14:00-15:30
S06

What should we remember from 2013-2014?

Teaching session

Moderators: Christiaan Vrints (UZA)

Jean-Louis Vanoverschelde (UCL, Brussels)

Turning things upside down: the past year in acute cardiology

Peter Sinnaeve (UZ Leuven)

Update on management of adult patients with Congenital Heart Disease

Julie De Backer (UZ Gent), Werner Budts (UZ Leuven) and Els Troost (UZ Leuven)

Integrating multimodality imaging: the year in noninvasive imaging

Bernard Paelinck (UZ Antwerpen) and Jens-Uwe Voigt (UZ Leuven)

What's new in hypertension and vascular biology?

Philippe van de Borne (ULB Brussels)

15:30-16:00

Coffee break & best poster competition (Exhibition Hall 1)

Jury: Dan Atar (ESC Vice President National Affairs), Walter Desmet (UZ Leuven) and Stéphanie Seldrum (UCL de Mont-Godinne)

16:00-18:00
S08

Thrombo-embolic disease

Teaching Session

Moderators: Patrick Evrard (UCL Mont-Godinne)

Michel De Pauw (UZ Gent)

Thrombo-embolic events in 2015: how to diagnose?

Henri Bounameaux (HCUG Genève, Switzerland)

How to manage in acute setting?

Pierre Bulpa (UCL Mont-Godinne)

How to treat – place for new drugs

Philippe Hainaut (UCL Brussels)

From acute to chronic thrombo-embolic disease

Marion Delcroix (UZ Leuven)

18:00-19:30

Cocktail Event and Award Ceremony:
Meda Pharma, Jacqueline Bernheim, Best Poster Competition
and YIA prizes (Exhibition Hall)

14:00-15:30
S07

**More than pretty pictures:
Clinical indications and how to use advanced imaging
Symposium organised by Philips**

*Moderators: Victor Legrand (CHU Sart Tilman Liège)
Frank Rademakers (KUL Leuven)*

The Belcolore project: Study of radiation-induced eye lens opacities
Lara Struelens (SCK•CEN)

**State of art C-CTA, plaque assessment
and dynamic myocardial perfusion techniques**
Pal Maurovich (Sемmelweis University Cardiovascular Centre, Hungary)

The benefit of 3D Ultrasound in Mitraclip procedures
Philippe Debonnaire (AZ St Jan Brugge)

**Transcatheter structural heart disease interventions
and advanced image guidance**
Jan Balzer (Universitätsklinikum Düsseldorf, Germany)

15:30-16:00

Coffee break & best poster competition (Exhibition Hall 1)
*Jury: Dan Atar (ESC Vice President National Affairs), Walter Desmet (UZ Leuven)
and Stéphanie Seldrum (UCL de Mont-Godinne)*

16:00-17:00
S09

Young Investigator Award
Jury: Julie De Backer (UZ Gent) and Victor Legrand (CHU Sart Tilman Liège)
**Pulmonary vascular response to exercise in symptomatic heart failure with
reduced ejection fraction and pulmonary hypertension**
Frederik Verbrugge (ZOL)
**Local myocardial deformation triggers pressure-induced premature
ventricular complexes Post-systolic shortening as “internal commotio cordis”?**
Peter Haemers (KU Leuven)
**Myocardial metabolic changes in experimental non-hypertrophied and
hypertrophied right ventricular failure**
Céline Dewachter (ULB)
**Hemodynamic targets during therapeutic hypothermia after cardiac arrest:
a prospective observational study**
Koen Ameloot (ZOL)

17:00-18:00
S10

Abstract session I: Invasive & Arrhythmias
*Moderators: Rik Willems (UZ Leuven)
Claude Hanet (UCL Mont-Godinne)*
(List of abstracts on next page)

Particulate matter and NO2 air pollution trigger ST-elevation myocardial infarction: Results from the Belgian STEMI registry 2009-2013

Jean-François Argacha (VUB)

Twenty-five years trends of angiographic procedures, coronary artery disease severity and revascularization rates in the province Luxembourg. Results from the Monica-Bellux registry.

Bernhard Gerber (UCL)

Prognostic Impact of Type of Hypothermia Protocol in Out-of-hospital Cardiac Arrest. Perspectives for Risk Score for Predicting Outcome

Francine Ndianabo (UCL)

Uptake of the use of the non-vitamin-K-antagonists in Belgium: data from two successive cohorts of the international prospective GARFIELD-AF registry

Frank Cools (AZ Klina, Brasschaat)

Old and new anticoagulants in elective cardioversion, a single centre experience

Zuzanna Plankova (Sint Jozefs-kliniek, Izegem)

Terminal QRS axis in right bundle branch block and Brugada syndrome: a new look at right ventricular conduction delay

Pieter Koopman (Jessa Hospital, Hasselt)

18:00-19:30

**Cocktail Event and Award Ceremony:
Meda Pharma, Jacqueline Bernheim, Best Poster Competition
and YIA prizes (Exhibition Hall)**

Programme
Friday 30th January 2015

Friday 30th January 2015 - morning
ENSOR HALL

08:00-09:00 *Welcome coffee (Exhibition Hall)*

09:00-10:30
S11 **Non-atherosclerotic coronary syndromes**
Thematic session organised by the BIWAC

*Moderators: Peter Sinnaeve (UZ Leuven)
Victor Legrand (CHU Sart Tilman Liège)*

Coronary spasm and syndrome X

Kaat Goetschalckx (KUL Leuven)

Coronary dissection and fibromuscular dysplasia

Sofie Gevaert (UZ Gent)

Type II myocardial infarctions: a frequent but neglected entity

Christophe Beauloye (UCL Brussels)

Does 'unstable angina' still exist in the era of hs-troponin?

Suzanne Pourbaix (CHR Citadelle)

10:30-11:00 *Coffee break (Exhibition Hall)*

General Assembly of the Belgian Society and Acta Cardiologica (Ensor Hall)

11:00-11:45
S13 **Joint session of the ESC and the BSC**

*Moderators: Marc Claeys (UZ Antwerpen),
Jean-Louis Vanoverschelde (UCL Brussels)*

New ESC guidelines on hypertrophic cardiomyopathy

Perry Elliot (University College of London, UK)

11:45-13:15
S15 **Can we save time & money on heart failure hospitalizations?**
Satellite symposium organised by Servier

*Moderators: Agnès Pasquet (UCL Brussels)
Marc Goethals (OLV Aalst)*

The timing of heart failure treatment optimization

Piotr Ponikowsk (Wroclaw Medical University, Poland)

Pre-discharge management: what about HR?

Arnaud Ancion (CHU Sart Tilman Liège)

How to manage HF treatment during cardiac rehabilitation?

François Carré (CHU Pontchaillou Rennes, France)

13:15-14:00 *Lunch (Exhibition Hall)*

Friday 30th January 2015 - morning
MAGRITTE HALL

08:00-09:00 *Welcome coffee (Exhibition Hall)*

09:00-10:30
S12 **Thoracic Aortic Aneurysm**
Thematic session organised by the BWGACHD

*Moderators: Agnès Pasquet (UCL Brussels)
Julie De Backer (UZ Gent)*

State of the Art Genetic Testing
Julie De Backer (UZ Gent)

Medical Treatment
Guillaume Jondeau (Hopital Bichat Paris, France)

Surgical Treatment
Gébrine El Khoury (UCL Brussels)

10:30-11:00 *Coffee break (Exhibition Hall)*
General Assembly of the BSC and Acta Cardiologica (Ensor Hall)

11:00-11:45
S14 **Presentation by the laureates of the Meda Pharma
and Jacqueline Bernheim Prizes**
Moderators: Guy Van Camp (OLV Aalst), Agnès Pasquet (UCL Brussels)

Meda Pharma Prize Laureate: Potential connection between platelet metabolism, platelet aggregation and atherothrombosis: the AMP-activated protein kinase (AMPK) - Acetyl-CoA carboxylase (ACC) signaling pathway
Christophe Beauloye (UCL)

Jacqueline Bernheim Prize Laureate: Risk Factors and Phenotypes of Chronic Rejection after Lung Transplantation
Stijn Verleden (KUL)

11:45-13:15
S16 **New Perspectives in Pulmonary Hypertension Management**
Satellite Symposium organised by Actelion
Moderator: Werner Budts (UZ Leuven)

Cardiac Echo during exercise
Patrizio Lancellotti (CHU Sart Tilman Liège)

PH treatment algorithms: what has changed in Nice? From Evian to Nice: milestones in PH
Jean-Luc Vachiéry (ULB Brussels)

The SERAPHIN trial: Effect of Macitentan on morbi-mortality
Stephan Rozenkranz (Universitätsklinikum Köln, Germany)

**Recent morbidity & mortality trials:
Implications for future treatment strategies**
Stephan Rozenkranz (Universitätsklinikum Köln, Germany)

Q&A / Panel discussion
Stephan Rozenkranz (Universitätsklinikum Köln), Jean-Luc Vachiéry (ULB Brussels)

13:15-14:00 *Lunch (Exhibition Hall)*

Friday 30th January 2015 - afternoon
ENSOR HALL

14:00-15:30
S17

Valvular prosthesis

Thematic session organised by the BWGNICI

Moderators: Bernard Paelinck (UZ Antwerpen)

Agnès Pasquet (UCL Brussels)

Evaluation of prosthetic valve function

Martin Penicka (OLV Aalst)

Prosthetic valve dysfunction and prosthesis-patient mismatch

Philippe Debonnaire (AZ Sint Jan Brugge)

Endocarditis

Gilbert Habib (Hôpital de la Timone Marseille, France)

Bernard Cosyns (CHIREC Braine- l'Alleud)

15:30-16:00

Coffee break (Exhibition Hall)

16:00-18:00
S19

Mitral Valve Disease

Teaching session

Moderators: Bernard Cosyns (CHIREC Braine-l'Alleud)

Luc Pierard (CHU Sart Tilman Liège)

Multimodality imaging of the mitral valve

Patrizio Lancellotti (CHU Sart Tilman Liège)

Risk stratification of asymptomatic severe MR

Julien Magne (University Hospital Limoges, France)

Long-term results of percutaneous commissurotomy in mitral stenosis

Alec Vahanian (Bichat Hospital Paris, France)

Seeking for the optimal surgical result in MR

Robert Dion (ZOL Genk)

Percutaneous interventions in MR

Francesco Maisano (University Hospital Zurich, Switzerland)

18:00

Close

Friday 30th January 2015 - afternoon
MAGRITTE HALL

14:00-15:30
S18

PCSK9 inhibition: future of dyslipidemia management?

Satellite Symposium organised by Amgen

Moderators: Hubert Dereppe (Chwapi Tournai)

Catherine De Maeyer (UZ Antwerpen)

All you need to know about PCSK9 for dyslipidemia management: mechanisms

Jean-Luc Balligand (UCL Brussels)

All you need to know about PCSK9 for dyslipidemia management: clinical application

Ernst Rietzschel (UZ Gent)

Everything you always wanted to know about monoclonal antibodies but were afraid to ask: clinical practice

Jan Willem Cohen-Tervaert (St Franciscus Gasthuis Rotterdam, The Netherlands)

15:30-16:00

Coffee break (Exhibition Hall)

16:00-18:00
S20

Abstract session II: Non-Invasive, Basic Science, Heart Failure

Moderators: Bernard Paelinck (UZ Antwerpen), Agnès Pasquet (UCL Brussels)

Wilfried Mullens (Ziekenhuis Oost Limburg)

Anne Catherine Pouleur (UCL, Brussels)

Effect of sildenafil on stroke work and ventriculo-arterial interaction at rest and during exercise in Fontan patients.

Alexander Van De Bruaene (UZ Leuven)

Relief of myocardial edema in advanced decompensated heart failure is associated with improved left ventricular systolic and diastolic function

Frederik Verbrugge (ZOL)

Are advanced biomarker protocols also reliable to rule out myocardial injury in early presenters?

Anne Vorlat (UZA)

Brain Natriuretic Peptide levels and the occurrence of subclinical pulmonary edema at high altitude

Maude Pagé (Hôpital du Sacré-Coeur de Montréal, Canada)

(Continued on next page)

Acute coronary events in men and women aged 25-74 years in the MONICA registers in Flanders: age-standardized time trends (1983-2009) and main observations in 2009.

Koen Van Herck (UGent)

PEAR1: a novel link between IgE-mediated allergy and cardiovascular disease

Maarten Criel (KUL)

Upregulated Integrin Signaling in Thoracic Aneurysms and Dissections

Laurence Campens (UGent)

Is exercise right heart catheterization useful for the assessment of chronic heart failure patients?

Michèle O. Kamga Dzukou (UCL)

Urinary composition during decongestive treatment in heart failure with reduced ejection fraction

Frederik Verbrugge (ZOL)

Predictors of left ventricular reverse remodeling in heart failure patients treated with the MitraClip

Marc J. Claeys (UZ Antwerpen)

18:00

[Close](#)

Posters

The following posters are on permanent display in Hall 1. Panels 1 to 8 display posters selected for the best poster competition. It will be judged during the afternoon coffee break on Thursday by Jury: Dan Atar (ESC Vice President National Affairs), Walter Desmet (UZ Leuven) and Stéphanie Seldrum (UCL de Mont-Godinne).

Best poster competition		Panel number
K. VAN HERCK	Time trends of Case Fatality Rates in men and women aged 25-69 years, hospitalized with an acute myocardial infarction: the MONICA register Ghent, 1983-2009.	01
P. BERTRAND	Mitral valve area during exercise after restrictive mitral valve annuloplasty: importance of diastolic anterior leaflet tethering.	02
L. DEWACHTER	Insuline like growth factor-1 contributes to pulmonary artery smooth muscle cell proliferation in idiopathic pulmonary arterial hypertension	03
E. SCHROEDER	Relative impact of preoperative risk assessment and aortic stenosis severity on 3-year survival after aortic valve replacement for aortic stenosis	04
F. VERBRUGGE	Heart rate reduction and exercise performance in recent onset heart failure with reduced ejection fraction: arguments for beta-blocker hypo-response	05
F. VERBRUGGE	Natriuretic response to diuretic therapy in heart failure with reduced ejection fraction and volume overload	06
A. VAN DE BRUAENE	Effect of sildenafil on stroke work and ventriculo-arterial interaction at rest and during exercise in Fontan patients.	07
L. MUINO MOSQUERA	Gene panel sequencing in Heritable Thoracic Aortic Disorders and related entities – results of comprehensive testing in a cohort of 264 patients	08
Basic science		
S. LATET	Monitoring of Monocyte and Dendritic Cell Membrane-Associated Antigen Expression Following Coronary Angiography: A Flow Cytometry Study	09
T. SENTE	Primary human skeletal myoblast cells from patients with chronic heart failure exhibit a delayed proliferative capacity	10
M. SEGHAIE	Gene expression of growth factors and apoptosis regulating proteins in rat myocardium after exposure to endocrine disrupting chemicals: a preliminary study	11
Heart failure		
F. VERBRUGGE	Prognostic value of glomerular filtration changes versus natriuretic response in decompensated heart failure with reduced ejection fraction	12
J. ARGACHA	Are new Generation Left Ventricular Assist Devices more respectful of vWF metabolism?	13
M. DE PAUW	Cerebral complications following heart transplantation	14
Invasive		
J. KEFER	Safety of Mo18no Antiplatelet Therapy Using Aspirin After TAVI.	15
J. KEFER	Impact of Pre-p19rocedural PCI on Outcome of Patients Undergoing TAVI.	16
V. COLLAS	Red cell distributi20on width (RDW) is a predictor of adverse events and one year mortality after 21transcatheter aortic valve implantation (TAVI)	17

P. DENDALE	Analysis of administrative data from the hospital datawarehouse for quality control in cardiology	18
M. AUZINS	Percutaneous Closure of Atrial Septal Defects in Elderly and Middle Aged Patients.	19
M. VANHAVERBEKE	Peripheral blood gene expression profile changes in ST-elevation myocardial infarction.	20

Non-invasive

C. VANDENBRIELE	Rivaroxaban for the treatment of consumptive coagulopathy associated with vascular malformations	21
H. HEUTEN	Flavanol-rich dark chocolate has a neutral effect on blood pressure and vascular function in healthy subjects.	22
J. ARGACHA	What can we expect from Fasting Ramadan on microvascular endothelial function and cardiovascular risk profile?	23
J. ARGACHA	Acute effects of air pollution on pulmonary hemodynamics: new evidences from both population and individual level studies.	24
B. LANTHIER	Elevation of arterial lactate at admission is an independent risk factor of mortality in patients with an ST-elevation myocardial infarction (STEMI).	25
F. DEMEURE	Head to head comparison of inflammation and neovascularization in human carotid plaques	26

Practical information

Venue

SQUARE-BRUSSELS MEETING CENTRE
Mont des Arts - Kunstberg
1000 Brussels, Belgium

Website: www.square-brussels.com



Entrance to the SQUARE is via the large glass cube called the Glass Entrance.

Please note that all congress activities are taking place at the lower level of the building.

Access

The BSC encourages participants to use public transport to reach the SQUARE which is centrally located, close to train, metro and bus stops. (See plan on opposite page).

By train

The SQUARE is situated less than 5 minutes walk from Brussels central railway station Bruxelles-Centrale/Brussel-Centraal

International trains such as the Thalys and Eurostar arrive at the south station - Bruxelles-Midi/Brussel-Zuid. The south station is linked to the central station by train (take any train heading north and descend at the first stop) and metro, or a short taxi ride.

By air

From level -1 at Brussels international airport (Zaventem), take a direct train to the central station. The train journey is 17 minutes.

By car

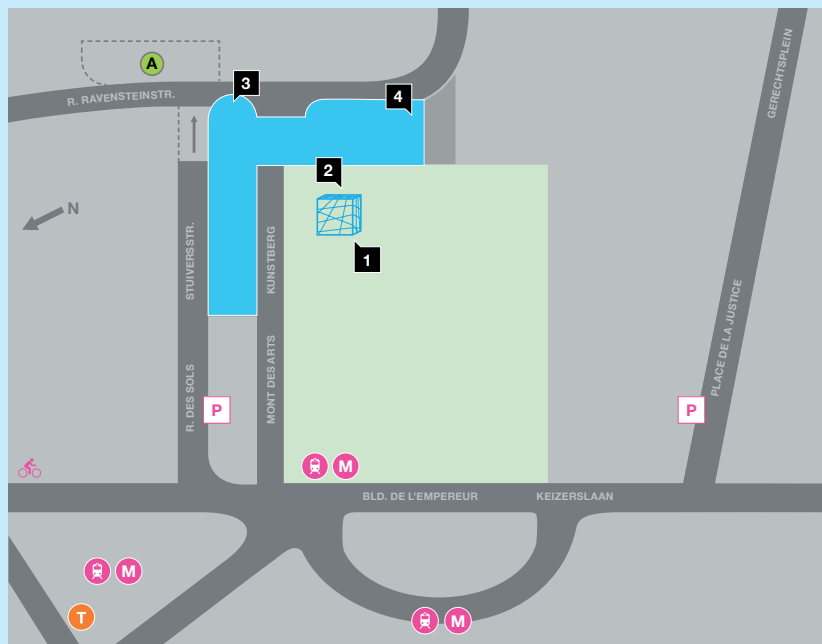
There is a public car park for 660 cars directly underneath SQUARE. It is called the Parking Albertine and is operated by Interparking (see www.interparking.com for rates). There are two entrances, one on the Place de la Justice/Gerechtsplein and one on the Rue des Sols/Stuiversstraat. The lift from the car park gives direct access to the SQUARE.

Welcome and registration

Badges can be collected at the registration desk from 08:00 each morning. You must wear your badge at all times whilst on the SQUARE's premises.

Accreditation

Accreditation pending for categories 3 (national symposium) and 6 (ethics and economy). Please ensure that you sign the accreditation lists available in the Registration Area as proof of your presence. No paper certificates will be issued as the INAMI/RIZIV accreditation system is now managed on-line.



- 1** GLASS ENTRANCE
(MONT DES ARTS - KUNSTBERG, 1000 BRUSSELS)
- 2** TERRACE ENTRANCE
(MONT DES ARTS - KUNSTBERG, 1000 BRUSSELS)
- 3** RAVENSTEIN ENTRANCE
(2 RUE RAVENSTEINSTRAT, 1000 BRUSSELS)
- 4** COUDENBERG ENTRANCE
(3 COUDENBERG, 1000 BRUSSELS)

-  ENTRANCE CENTRAL STATION
-  ENTRANCE METRO 'CENTRAL STATION'
-  TAXI
-  TOURIST INFORMATION
-  PUBLIC PARKING 'ALBERTINE'
(DIRECT ACCESS TO SQUARE)
-  CITY BIKES DISPOSAL
-  BOZAR (DIRECT ACCESS FROM SQUARE)

Exhibitors

Participants are cordially invited to visit the following exhibitor stands in **Exhibition Hall II**. Please see the plan at the entrance to the Hall for precise locations.

Actelion
Amgen
Arseus
Astellas
AstraZeneca
Bayer
Biotronik
Boehringer Ingelheim
Bristol-Myers Squibb
Cardionics
Daiichi-Sankyo/Eli Lilly Alliance
Daiichi-Sankyo
Edwards
Esaote
GE Healthcare
Gomedis
Journal de Cardiologie/Tijdschrift voor Cardiologie
Meda Pharma
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